ChihChiang Han

List of Publications by Year
in descending order

38 papers	3,494 citations	623734 14 h-index	580821 25 g-index
38 all docs	38 docs citations	38 times ranked	2944 citing authors

#	Article	IF	Citations
1	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. Astrophysical Journal Letters, 2019, 875, L1.	8.3	2,264
2	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. Astrophysical Journal Letters, 2019, 875, L2.	8.3	618
3	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. Astrophysical Journal Letters, 2022, 930, L13.	8.3	142
4	MASS AND HOT BARYONS IN MASSIVE GALAXY CLUSTERS FROM SUBARU WEAK-LENSING AND AMiBA SUNYAEV-ZEL'DOVICH EFFECT OBSERVATIONS. Astrophysical Journal, 2009, 694, 1643-1663.	4.5	99
5	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. Astronomy and Astrophysics, 2020, 640, A69.	5.1	54
6	Greenland telescope project: Direct confirmation of black hole with subâ€millimeter VLBI. Radio Science, 2014, 49, 564-571.	1.6	39
7	THE YUAN-TSEH LEE ARRAY FOR MICROWAVE BACKGROUND ANISOTROPY. Astrophysical Journal, 2009, 694, 1610-1618.	4.5	35
8	THE AMiBA HEXAPOD TELESCOPE MOUNT. Astrophysical Journal, 2009, 694, 1670-1684.	4.5	34
9	AMiBA: BROADBAND HETERODYNE COSMIC MICROWAVE BACKGROUND INTERFEROMETRY. Astrophysical Journal, 2009, 694, 1664-1669.	4.5	25
10	ARRAY FOR MICROWAVE BACKGROUND ANISOTROPY: OBSERVATIONS, DATA ANALYSIS, AND RESULTS FOR SUNYAEV-ZEL'DOVICH EFFECTS. Astrophysical Journal, 2009, 694, 1619-1628.	4.5	22
11	A wideband analog correlator system for AMiBA. , 2004, 5498, 455.		17
12	AMiBA WIDEBAND ANALOG CORRELATOR. Astrophysical Journal, 2010, 716, 746-757.	4.5	17
13	AMiBA: SYSTEM PERFORMANCE. Astrophysical Journal, 2009, 694, 1629-1636.	4.5	15
14	TESTS OF AMiBA DATA INTEGRITY. Astrophysical Journal, 2009, 694, 1637-1642.	4.5	14
15	AMiBA: SCALING RELATIONS BETWEEN THE INTEGRATED COMPTON-yAND X-RAY-DERIVED TEMPERATURE, MASS, AND LUMINOSITY. Astrophysical Journal, 2010, 716, 758-765.	4.5	14
16	First-generation science cases for ground-based terahertz telescopes. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	12
17	A New Approach to Suppress the Effect of Machining Error for Waveguide Septum Circular Polarizer at 230ÂGHz Band in Radio Astronomy. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 638-652.	2.2	10
18	The Greenland telescope: Thule operations. , 2018, , .		8

#	Article	IF	Citations
19	AMiBA: SUNYAEV-ZEL'DOVICH EFFECT-DERIVED PROPERTIES AND SCALING RELATIONS OF MASSIVE GALAXY CLUSTERS. Astrophysical Journal, 2010, 713, 584-591.	4.5	7
20	W-band dual-polarization receiver for array of microwave background anisotropy (AMiBA). , 2004, , .		6
21	AMIBA: FIRST-YEAR RESULTS FOR SUNYAEV-ZEL'DOVICH EFFECT. Modern Physics Letters A, 2008, 23, 1675-1686.	1.2	6
22	Instrumentation for single-dish observations with The Greenland Telescope. , 2014, , .		4
23	The first-light receivers for the Greenland Telescope. , 2018, , .		4
24	Commissioning status of the Greenland telescope. , 2018, , .		4
25	Initial operation of the array for microwave background anisotropy (AMiBA). , 2006, 6275, 487.		3
26	AMiBA first year observation. , 2008, , .		3
27	CONTAMINATION OF THE CENTRAL SUNYAEV-ZEL'DOVICH DECREMENTS IN AMiBA GALAXY CLUSTER OBSERVATIONS. Astrophysical Journal, 2010, 720, 608-613.	4.5	3
28	Control and monitoring system for the Greenland telescope: computers, network and software. , 2018, , .		3
29	Full-polarization W-band receiver for CMB detection. , 2003, 4855, 312.		2
30	THE YUAN TSEH LEE AMiBA PROJECT. Modern Physics Letters A, 2008, 23, 1243-1251.	1.2	2
31	1.2Âm Shielded Cassegrain Antenna for Close-Packed Radio Interferometer. Publications of the Astronomical Society of the Pacific, 2011, 123, 198-212.	3.1	2
32	Greenland Telescope (GLT) Project. EPJ Web of Conferences, 2013, 61, 01008.	0.3	2
33	JCMT opens new eyes on the Universe. Nature Astronomy, 2021, 5, 331-332.	10.1	2
34	PLATFORM DEFORMATION PHASE CORRECTION FOR THE AMiBA-13 COPLANAR INTERFEROMETER. Astrophysical Journal, 2013, 769, 71.	4.5	1
35	AMiBA: CLUSTER SUNYAEVâ€“ZELâ€™DOVICH EFFECT OBSERVATIONS WITH THE EXPANDED 13-ELEMENT ARRAY. Astrophysical Journal, 2016, 830, 91.	4.5	1
36	A Novel automatic level control for gain stabilization in a radio interferometry. , 2009, , .		0

#	Article	IF	Citations
37	Control characteristics of the ALMA Nutator. , 2010, , .		0
38	A wideband 240 GHz receiver for the submillimeter array. , 2016, , .		0